



## General Luminaire Installation Instructions

Slēk & GEO Series

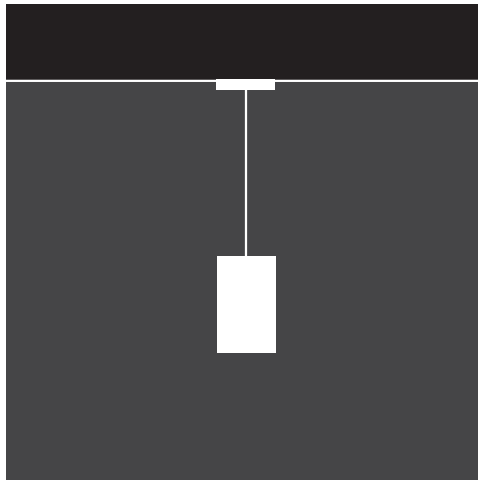
### **WARNING**

#### **RISK OF DEATH, INJURY, OR PROPERTY DAMAGE FROM FIRE, ELECTRIC SHOCK, AND OTHER HAZARDS**

- De-energize the circuit and/or equipment before connecting to, disconnecting from, or servicing electrical equipment
- Make sure the equipment is properly grounded.
- Read this document in full prior to installing, servicing, or maintaining this equipment. These instructions do not cover all installation, service, and maintenance situations. If your situation is not covered, or, if you do not understand these instructions or need additional information, contact Lumato or your local Lumato distributor.
- Installation and maintenance must be performed by qualified personnel familiar with the construction and operation of this product. All applicable local and national codes and ordinances must be followed.

### **REQUIRED TOOLS**

- Power Drill w/ #2 Philips Head Bit - Torque  $\leq 10$
- Wire Strippers
- Box/Beam Level
- Clorox (or similar) Cleaner
  - In case of lens smudge during installation



**Slēk Series**  
1.13in x 1.88in

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### GEO Series

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F-E1/F-E2/F-E3/F-E4: GEO Ender (ex: SLK-ID-04-F-E1-XXX-XXX-XXX).....Page 12

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### IMPORTANT

#### Luminaire and Remote Power Supply Part Number Matching

1. Luminaire and the Remote Power Supply Catalog Numbers must match except the following:

a. Position

i. Luminaire: -FI, -FS, -FJ, -FE

ii. Remote Power Supply: -BXS, -BXL

b. Color Temperature

iii. Remote Power Supply: NO CCT (Color Temp) is in the catalog number.

c. Example: The Black “circled” characters must be the same to ensure the light is illuminates correctly. Contact factory for more questions.

<b>Luminaire</b>	ABC - DE - FG	FI	H - IJ - KLM	35	NO - P - QRS	TU
<b>Remote Power Unit</b>	ABC - DE - FG	BXS	H - IJ - KLM		NO - P - QRS	

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## Mounting Options

Slēk & GEO Series

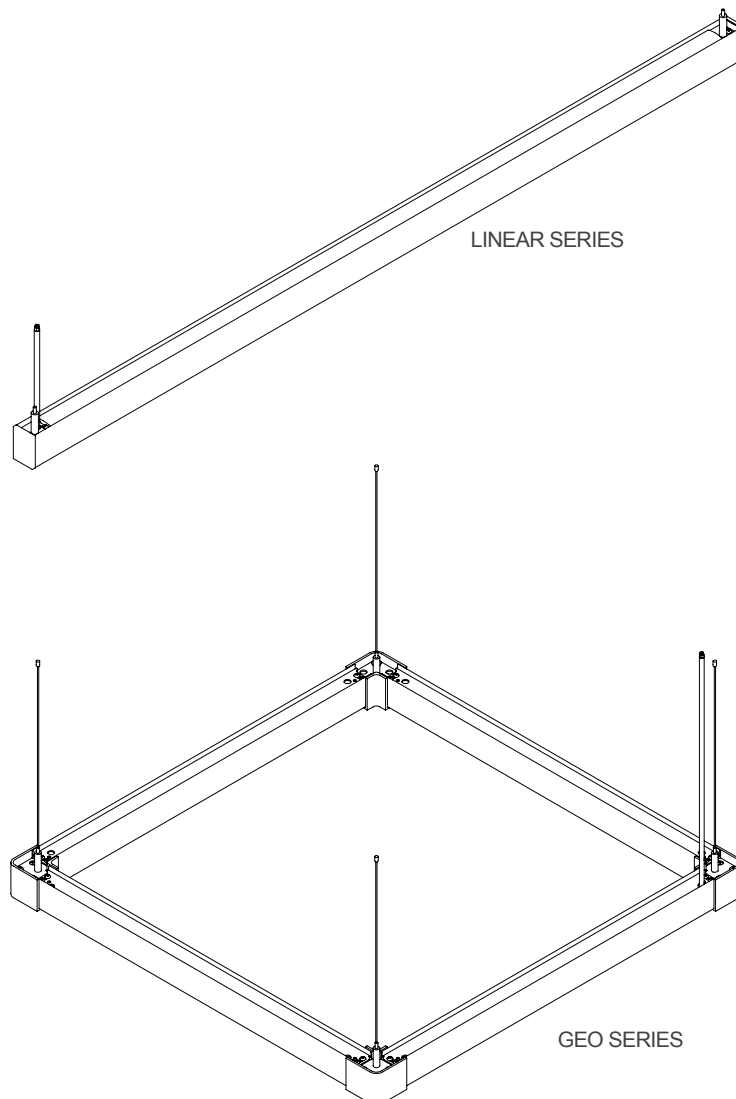
### CABLE MOUNTING “ON GRID” (T1, T9, & SC)

- Linear suspended Slēk Series luminaires intended for “On Grid” or “Tee Bar Ceiling” cable mounting are to be installed with T1 (1” T-Grid), T9 (9/16” T-Grid), or SC (Screw Slot Grid) Feed and Hanger Kits. Feed and Hanger Kits are shipped separately. (Figure 15)

### CABLE MOUNTING “OFF GRID” (HC & JB)

- Linear suspended Slēk Series luminaires intended for cable mounting are to be installed with HC (Hard Ceiling) or JB (Junction Box) Feed and Hanger Kits. Feed and Hanger Kits are shipped separately. (Figure 13 and 14)

FIGURE 1



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## Individual Fixture Installation

Slēk Series

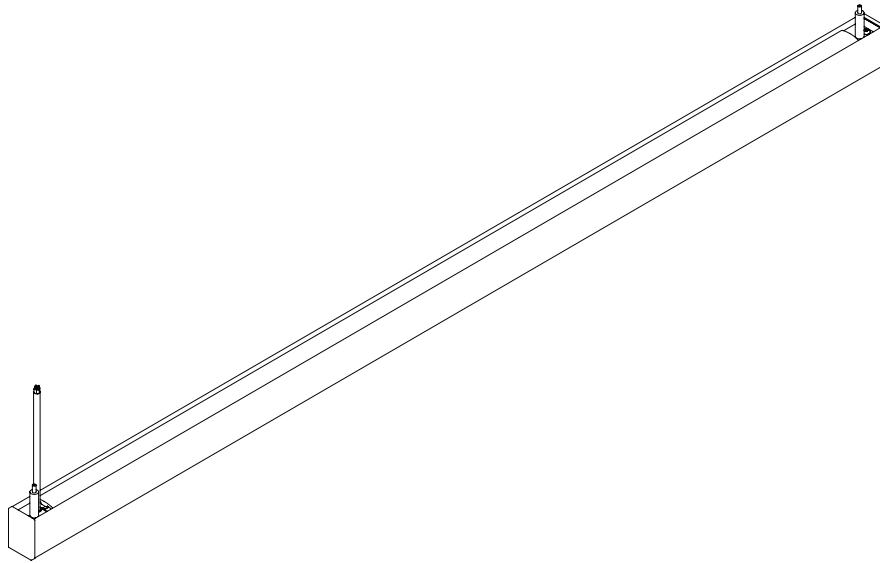
**Step One:** Locate and unpackaged fixture.

**Step Two:** Locate the suspension cable locations as shown in the submittal drawing, suspend the fixture by feeding the 1/16" aircraft cable through each cable gripper. Move and level the fixture to specified position and tighten the cable gripper nut to lock the 1/16" steel cable.

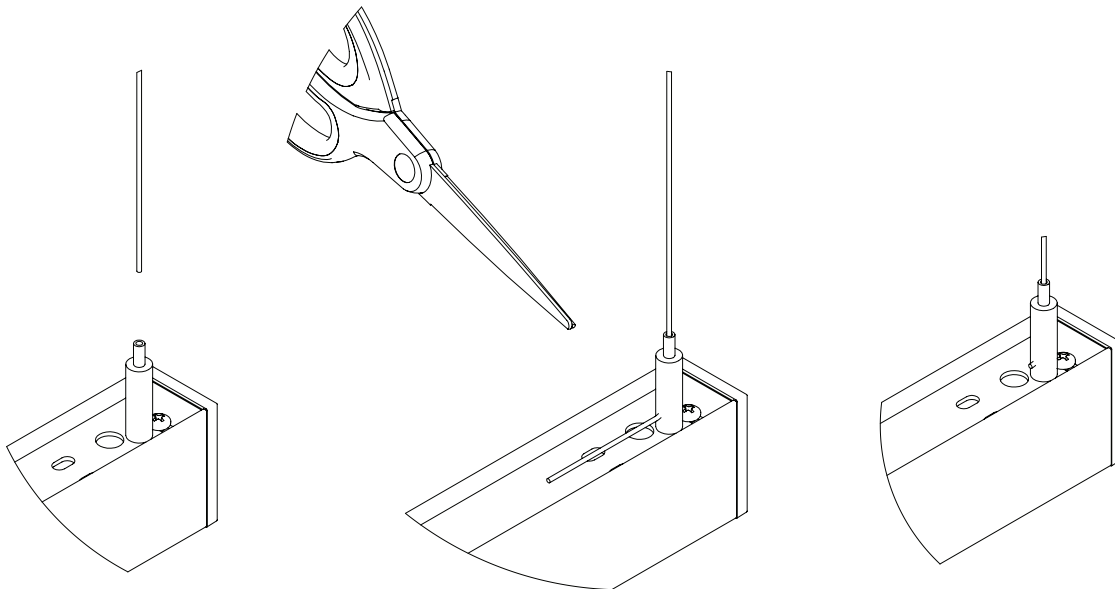
**Step Three:** Cut off excess cable.

**Step Four:** Leave approximately 1/2" for minor adjustments. See Figure 3.

**FIGURE 2**



**FIGURE 3**



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## Row Mount Installation Instructions

Slēk Series

### WARNING

Attempt to assemble a Continuous Row Luminaire on the ground and lifting row into the position may create stress at connection points and may result in damage and/or mechanical failure. Fixtures are meant to be installed at height.

### REQUIRED TOOLS

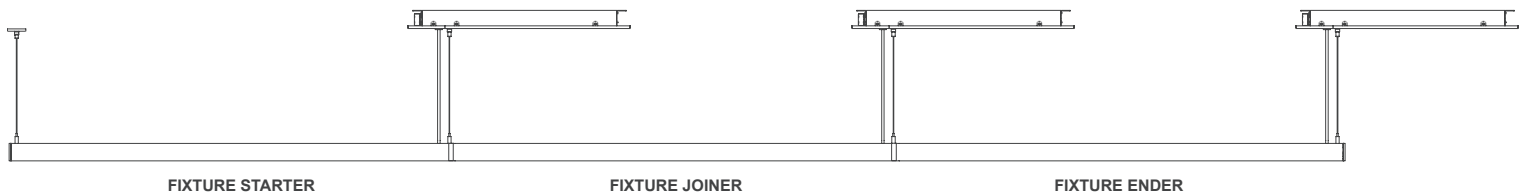
- Power Drill w/ #2 Philips Head Bit - Torque ≤10
- Wire Strippers
- Box/Beam Level
- Clorox (or similar) Cleaner
  - In case of lens smudge during installation

**Step One:** Locate and identify all Fixtures and Lens Kits that are needed to build the run. All Runs are built of Starter, Joiner, and Ender fixtures with a continuous roll-in lens that is installed after the fixtures are hung. Consult the provided submittal drawing to reference these parts.

### ROW MOUNT INSTALLATION INSTRUCTION

**Step One:** Each fixture has its own remote power unit. Follow submittal drawing for specific locations.

FIGURE 4



## Row Mount Installation Instructions (Continued)

Slēk Series

### STARTER FIXTURES (-FS)

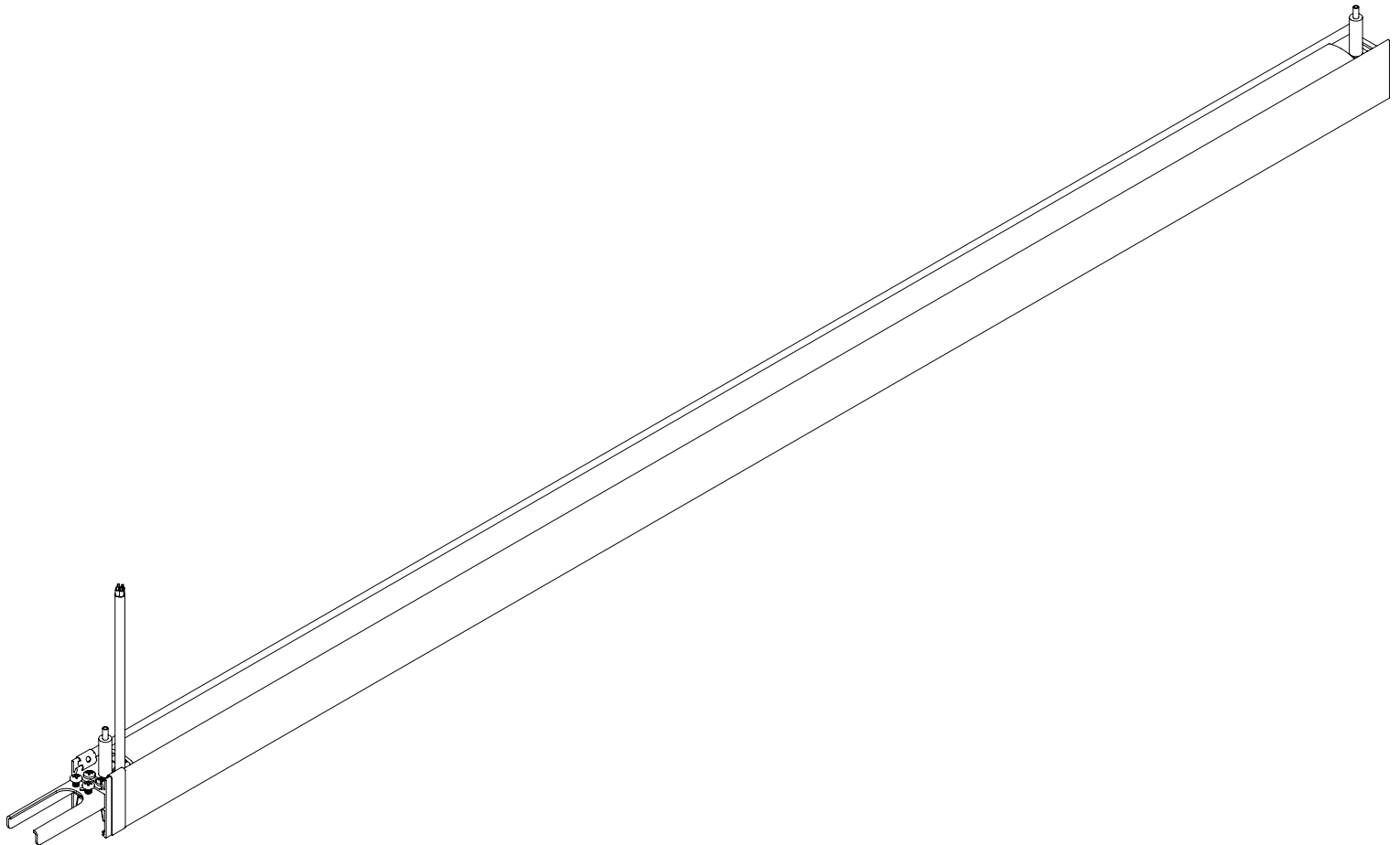
**Step One:** Locate and identify the Starter fixture for the run. Note that this fixture has no end cap and has the male joining bracket and joining biscuits protruding from one side of the fixture.

**Step One:** Locate the suspension cable locations as shown in the submittal drawing and referencing suspension, suspend the fixture by feeding the 1/16" aircraft cable through each cable gripper. The side with the male joining bracket & sliding light shield is to be oriented toward the rest of the run. Move and level the fixture to specified position and tighten the cable gripper nut to lock the 1/16" steel cable.

**Step One:** Cut off excess cable.

**Step Four:** Leave approximately 1/2" for minor adjustments. See Figure 3

FIGURE 5



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## Row Mount Installation Instructions (Continued)

Slēk Series

### JOINER (-FJ)

**Step One:** Locate the next fixture in the run by referencing the submittal and aligning the female joining side to the preceding male joining bracket protruding from the fixture.

**Step Two:** Locate the suspension cable locations as shown in the submittal drawing and referencing suspension, suspend the fixture by feeding the 1/16" aircraft cable through the cable gripper. The side with the male joining bracket & sliding light shield is to be oriented toward the rest of the run. Move and level the fixture to specified position and tighten the cable gripper nut to lock the 1/16" steel cable.

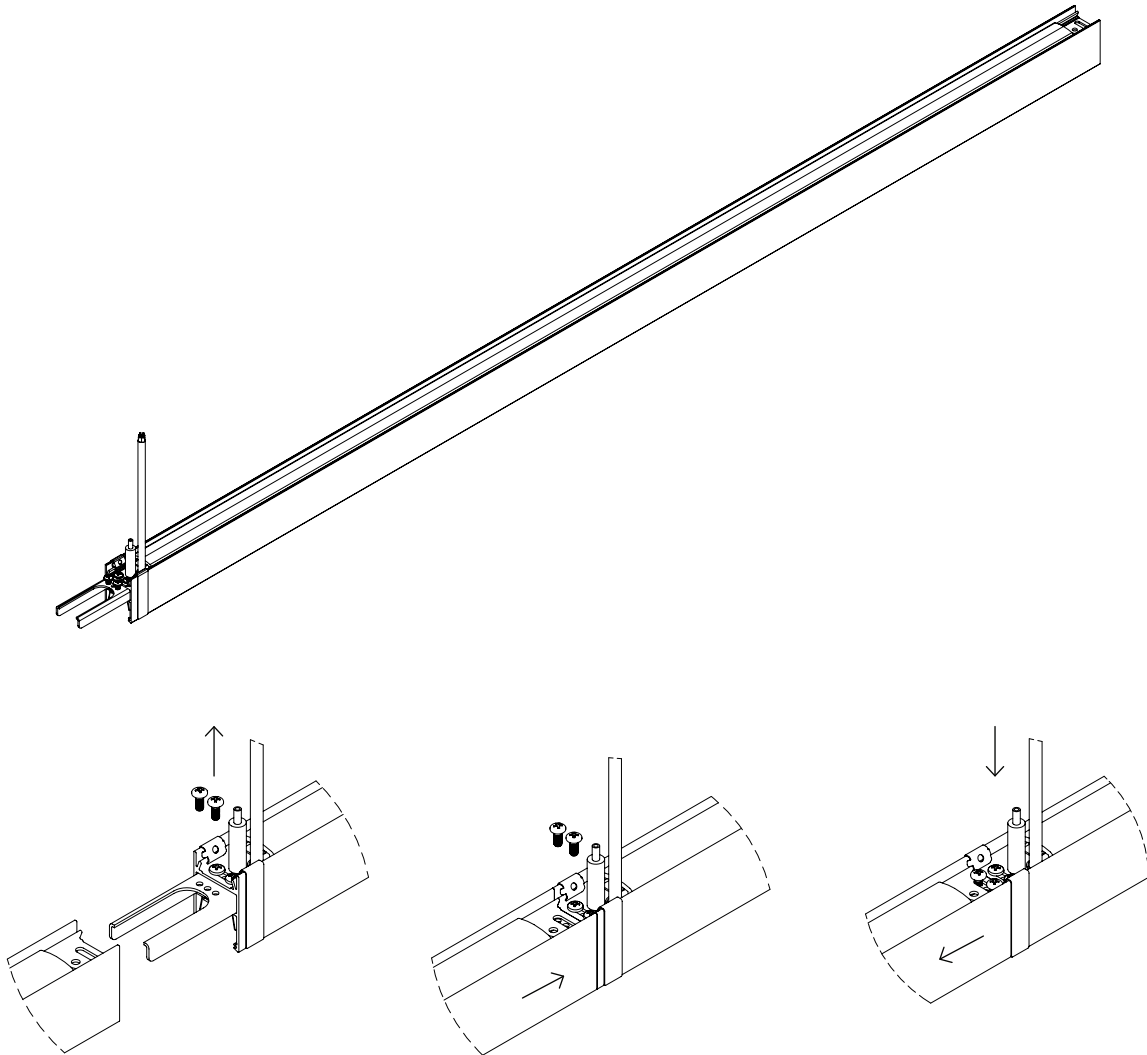
**Step Three:** Remove the screws extra screws in male joining bracket with screw driver.

**Step Four:** Slide both fixtures together.

**Step Five:** Put screws back in place to join the two fixtures together.

**Step Six:** Slide the Light Shield into place on both sides.

**FIGURE 6**



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## Row Mount Installation Instructions (Continued)

Slēk Series

### ENDER (-FE)

**Step One:** Locate the final fixture in the run by referencing the submittal and aligning the female joining side to the preceding male joining bracket protruding from the fixture. Locate the suspension cable locations as shown in the submittal drawing and referencing suspension suspend the fixture by feeding the 1/16" aircraft cable through the cable gripper. Move and level the fixture to specified position and tighten the cable gripper nut to lock the 1/16" steel cable.

**Step Two:** Cut off excess cable.

**Step Three:** Leave approximately 1/2" for minor adjustments. See Figure 3

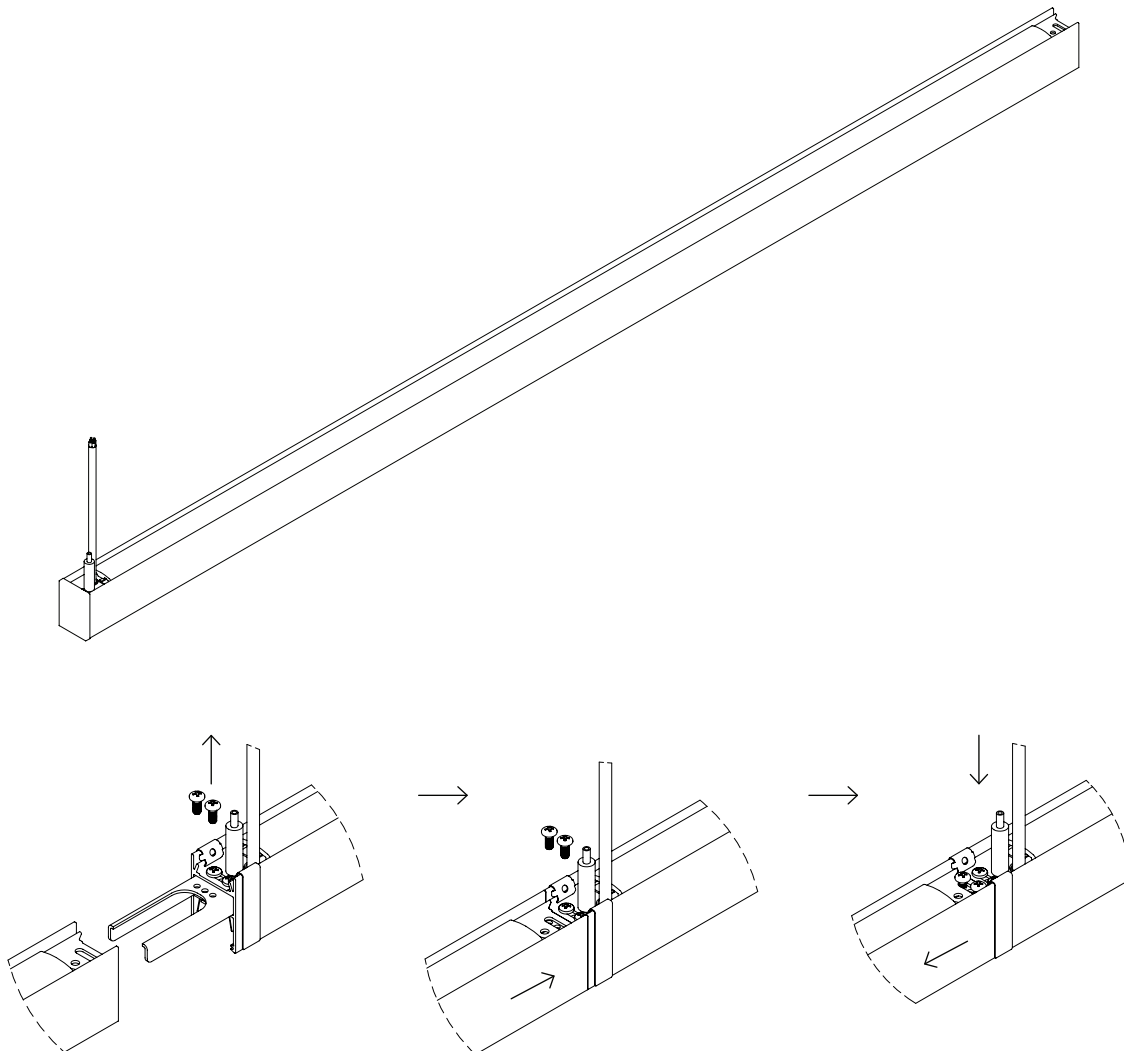
**Step Four:** Remove the screws extra screws in male joining bracket with screw driver.

**Step Five:** Slide both fixtures together.

**Step Six:** Put screws back place to join the two fixture together.

**Step Seven:** Slide the Light Shield into place on both sides.

FIGURE 7



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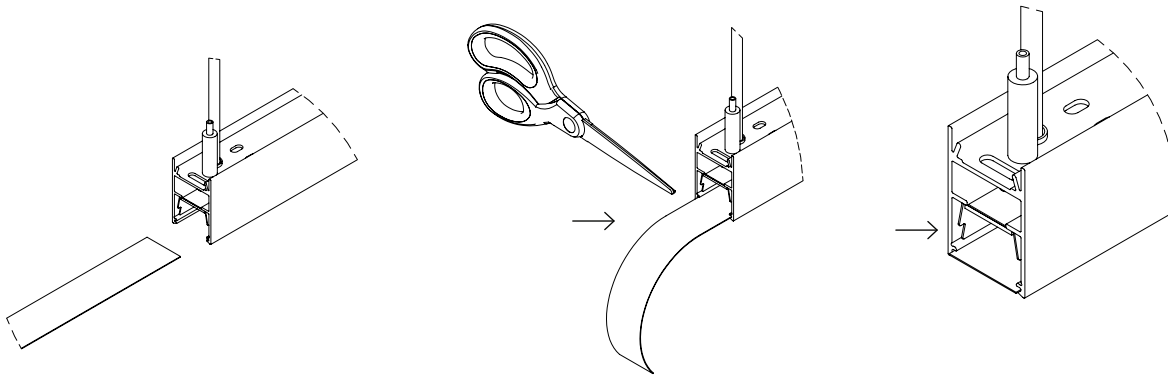
## Row Mount Installation Instructions (Continued)

Slēk Series

### LENS INSTALL

Once row is hung, locate the LENS AND END CAP KIT. The Lens and End Cap Kit is comprised of one (1) roll in lens, one (1) End cap assembly, and one (1) #8—32 x 1/2" screw. Beginning at the Starter fixture, slide the roll in lens into the lens slot at the open end of the fixture run. Continue to slide in until the lens butts up against the far end cap. Trim the excess lens that remains on the end of the run after the lens is fully engaged with the far end cap. Use scissors butted up to the fixture extrusion to make this cut leaving 1/8" still protruding from the run.

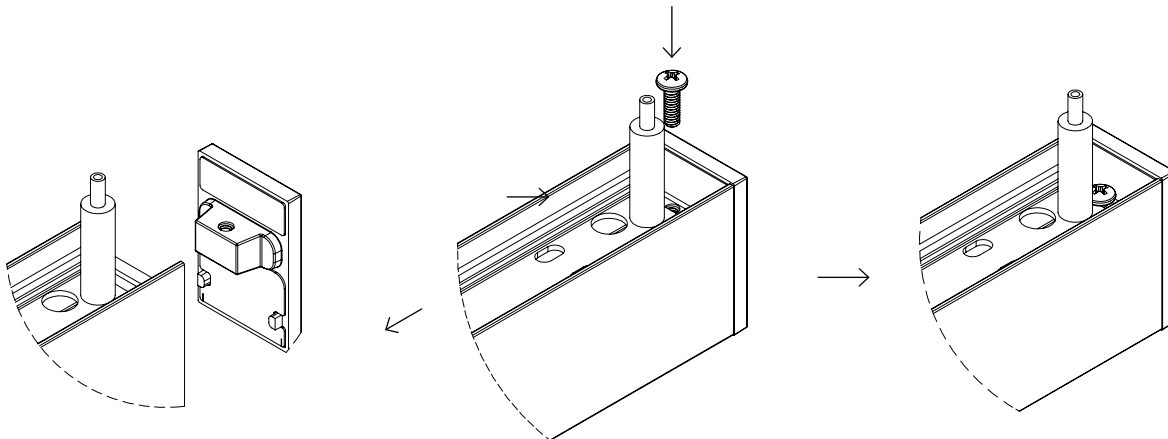
FIGURE 8



### END CAP INSTALL

Once lens is installed, locate the LENS AND END CAP KIT. Install End Cap on Starter fixture using one (1) #8—32 x 1/2" screw Phillips head screws and one (1) End cap.

FIGURE 9



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## General Luminaire Installation Instructions

GEO Series

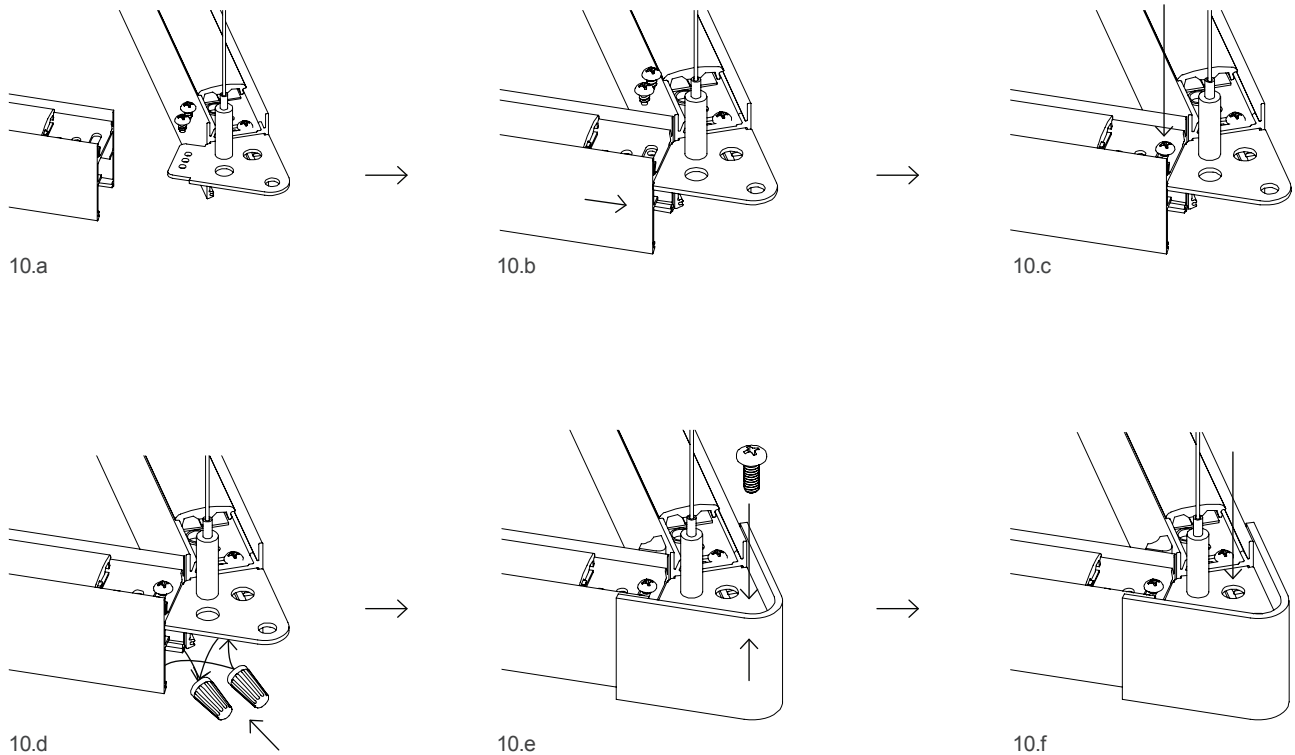
### WARNING

Attempting to assemble a GEO Series fixture this is larger than 5ft on the ground and lifting into position may create stress at connection points and may result in damage and/or mechanical failure. Fixtures are meant to be installed at height.

### REQUIRED TOOLS

- Power Drill w/ #2 Philips Head Bit - Torque  $\leq 10$
- Wire Strippers
- Box/Beam Level
- Clorox (or similar) Cleaner
  - In case of lens smudge during installation

FIGURE 10



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## Pattern Installation Instructions

GEO Series

### GEO: NON-POWER LEGS (-J OR -S IN THE FIXTURE PART NUMBER)

**Step One:** Locate and identify the Starter or Joiner fixture for the GEO pattern.

**Step Two:** Install the Corner Bracket.

**Step Three:** Locate the suspension cable locations as shown in the submittal drawing.

**Step Four:** Suspend the fixture by feeding the 1/16" aircraft cable through each cable gripper.

**Step Five:** Move and level the fixture to specified position and tighten the cable gripper nut to lock the 1/16" steel cable.

**Step Six:** Cut off excess cable.

**Step Seven:** Leave approximately 1/2" for minor adjustments. See Figure 3.

**Step Eight:** Wire nut color corresponding wires together. See Figure 1.

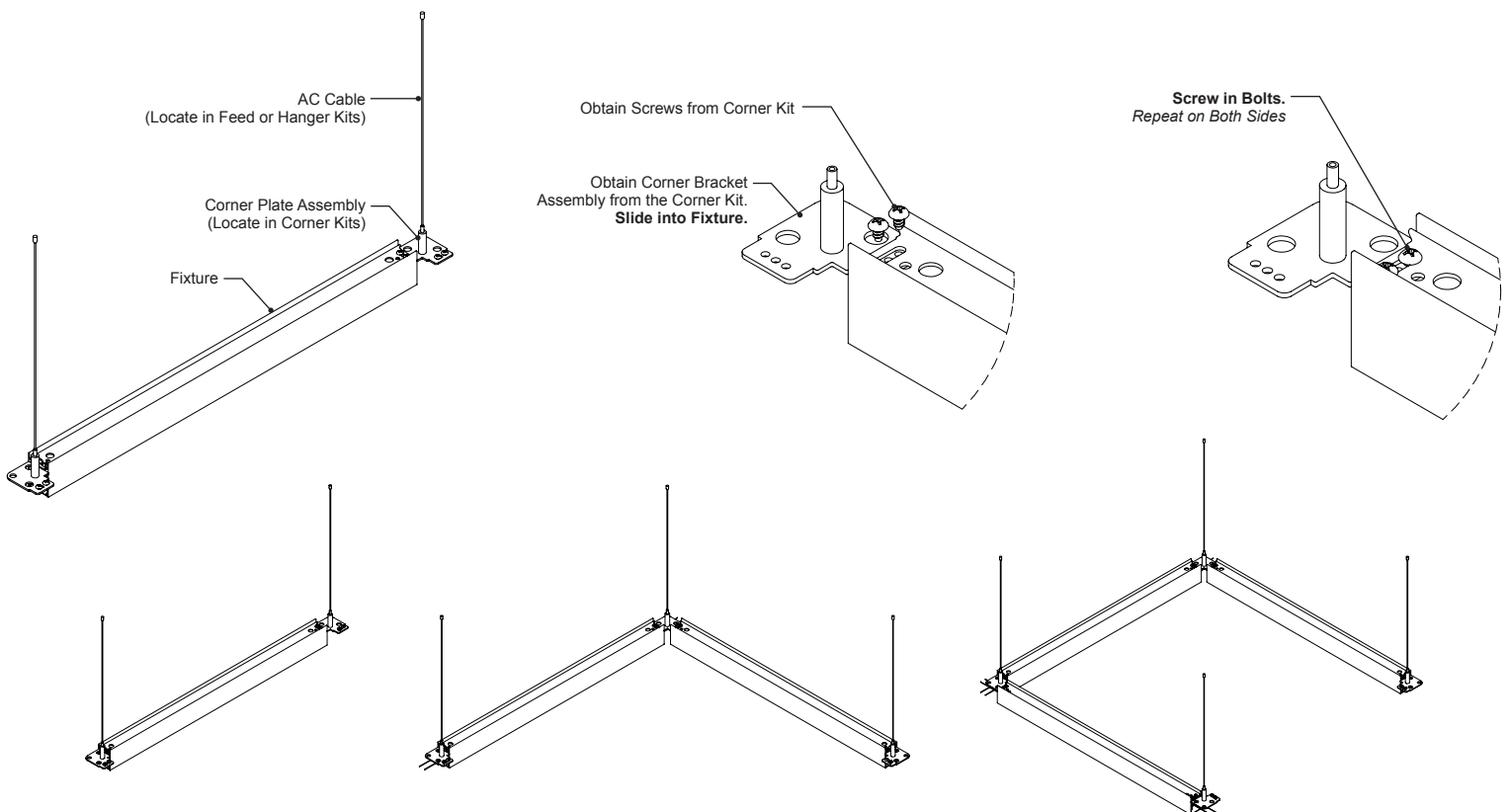
**Step Nine:** Locate the corner blocks and slide block on as seen in picture. See Figure 10.

**Step Ten:** Tighten down 1/4-20 screw with screw driver. **NOTE: ENSURE WIRES ARE NOT PINCHED.** See Figure 10

**Step Eleven:** Repeat Steps as required.

FIGURE 11

EXAMPLE: GEO-SQR-2  
Joining all non-feed legs



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## Pattern Installation Instructions (Continued)

GEO Series

### GEO: POWER LEGS (-E1, -E2, -E3 OR -E4 IN THE FIXTURE PART NUMBER)

**Step One:** Locate the power fixture in the pattern by referencing the submittal.

**Step Two:** Install the Corner Bracket as shown in Figure 11.

**Step Three:** Locate the suspension cable locations as shown in the submittal drawing.

**Step Four:** Move and level the fixture to specified position and tighten the cable gripper nut to lock the 1/16" steel cable.

**Step Five:** Cut off excess cable.

**Step Six:** Leave approximately 1/2" for minor adjustments. See Figure 3.

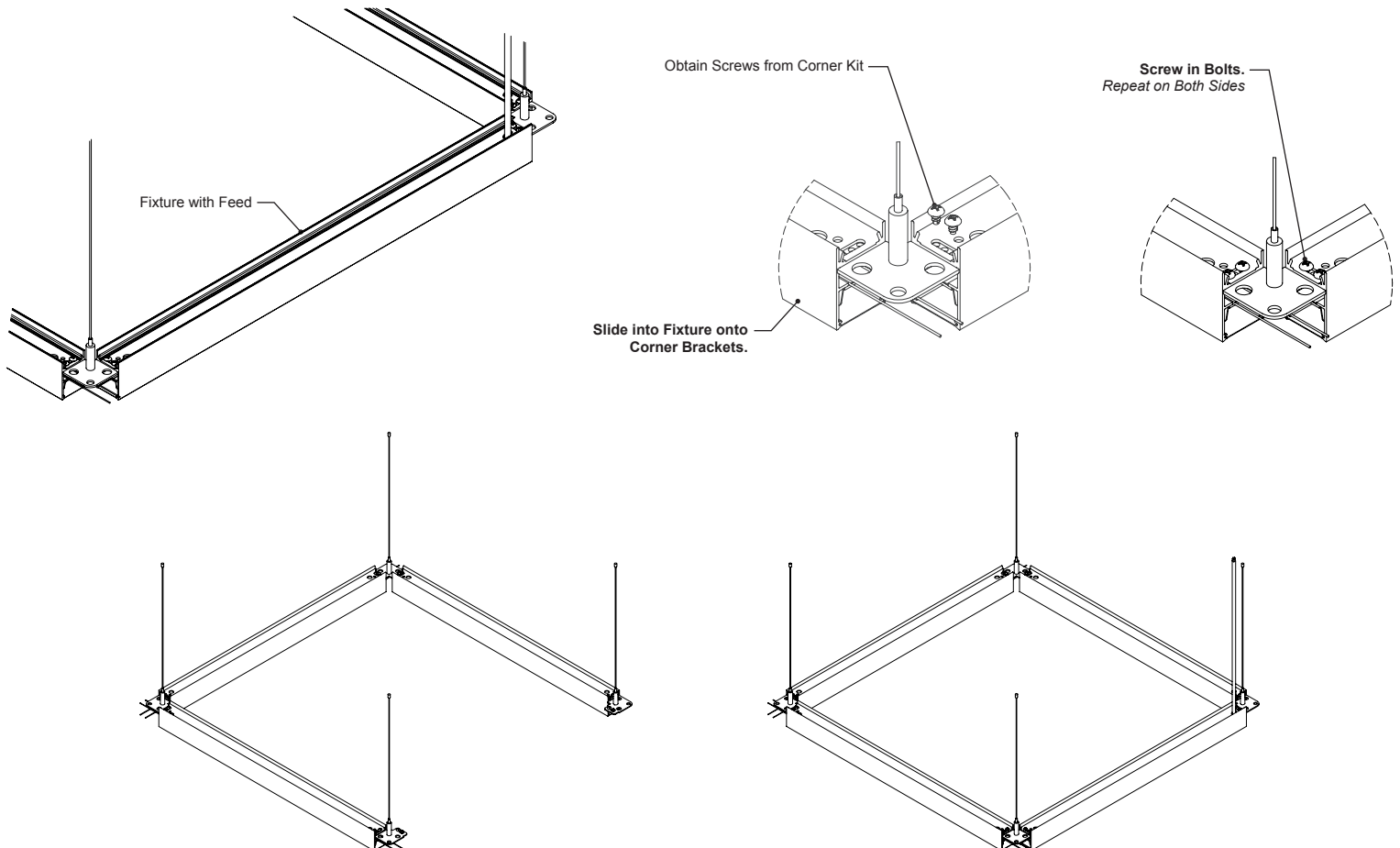
**Step Seven:** Wire nut color corresponding wires together. See Figure 10.

**Step Eight:** Locate the corner blocks and slide block on as seen in picture. See Figure 10.

**Step Nine:** Tighten down 1/4-20 screw with screw driver. **NOTE: ENSURE WIRES ARE NOT PINCHED.** See Figure 11.

FIGURE 12

**EXAMPLE: GEO-SQR-2**  
Add Feed leg to Non-Feed legs.



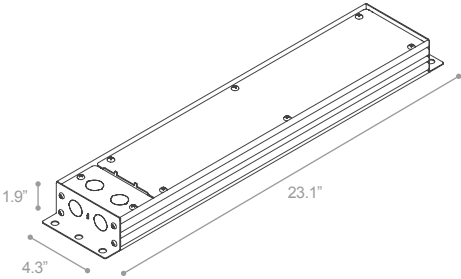
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Remote Power Unit

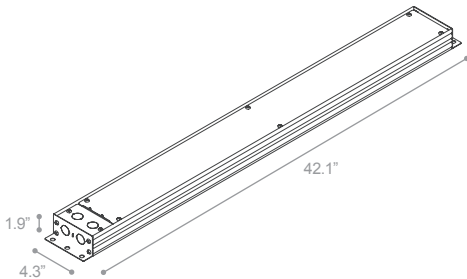
Slēk & GEO Series

FIGURE 14

SHORT REMOTE POWER UNIT



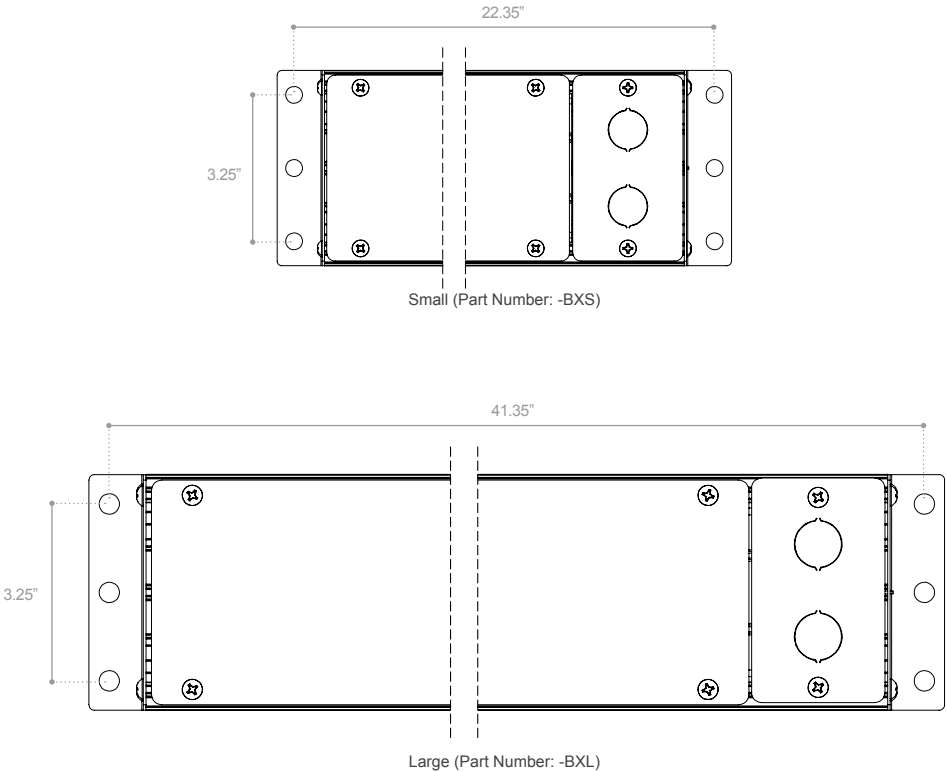
LONG REMOTE POWER UNIT



	SHORT REMOTE POWER UNIT	LONG REMOTE POWER UNIT
DISTRIBUTION		
Indirect/Direct (SLK-ID)	X	X
Direct (SLK-D)	X	X
MOUNTING		
Surface	X	X
Grid (T1 - T9 - SC)	X	X
J-Box	X	X
ADD-ON OPTIONS		
Separate Switching (SS-U/D)	X	X
Emergency Battery Pack (EM)		X
Emergency Transfer Switch (ETS)	X	X
IC RATED		
Approved		X

FIGURE 15

MOUNTING HOLE DIMENSIONS FOR T1, T9, SC, HC



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## Remote Power Unit (Continued)

Slēk Series

### T1, T9, SC ABOVE GRID INSTALL

**Step One:** Locate the correct remote power supply unit by referencing the submittal and match the remote power supply unit and the luminaire part number, see part number matching on page 2.

**Step Two:** Remove the side mount clip and reinstall on the back outside of the remote power supply where needed. See Figure 17.

**Step Three:** Clip in the remote power supply on to the t-grid. See Figure 17.

**Step Four:** Secure the remote power supply to structure support above with a minimum #12 gauge support wire in accordance with local codes. See Figure 17.

**Step Five:** Remove connection cover compartment on the remote power supply and remove all needed knock-outs. See Figure 18.

**Step Six:** Review wire legend and wire according to local codes. See Figure 19.

FIGURE 16

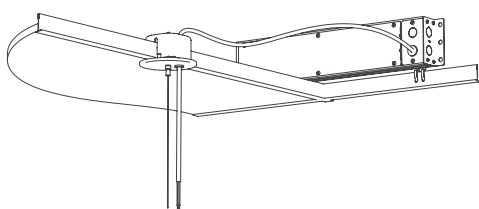


FIGURE 17

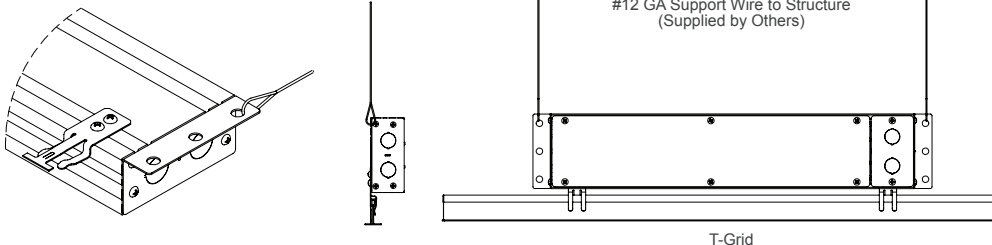
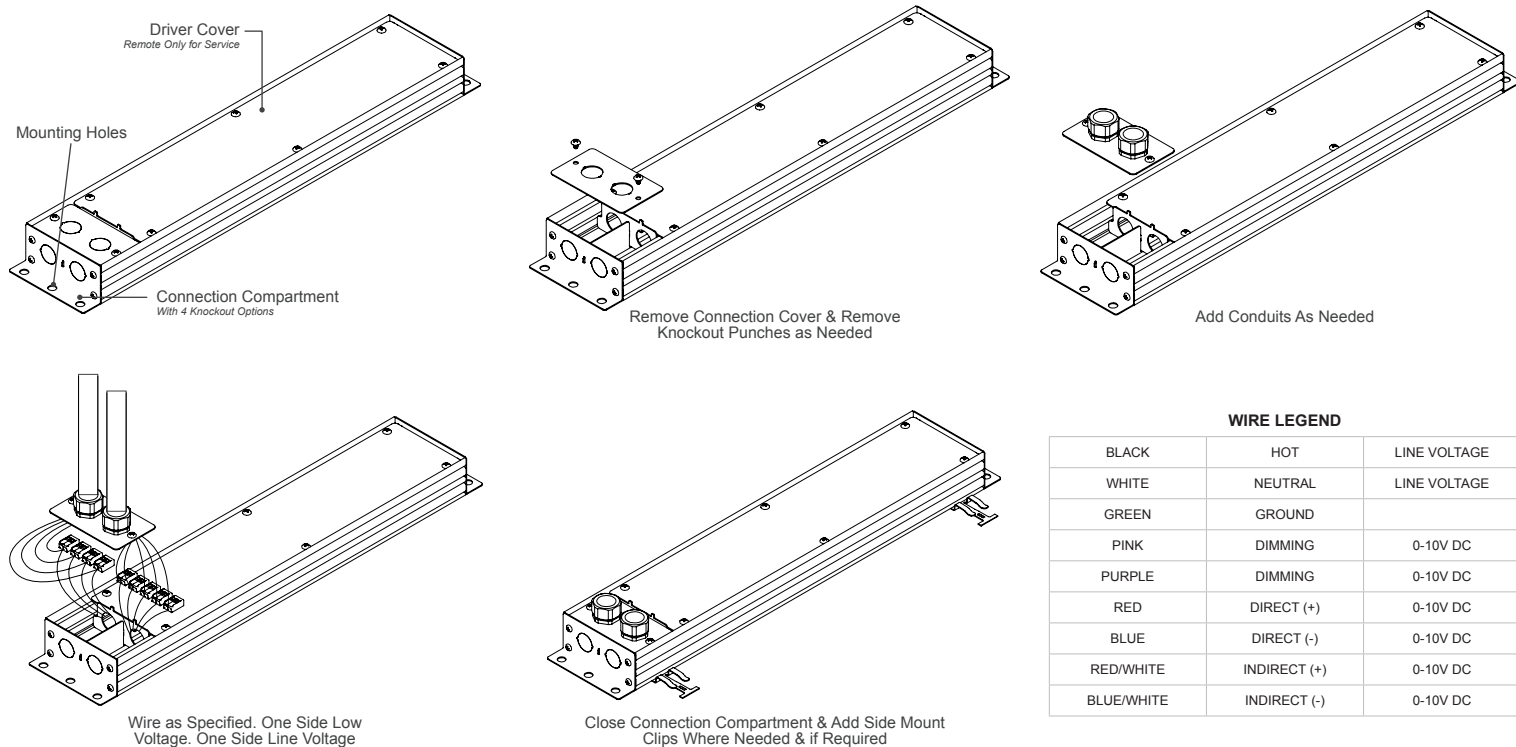


FIGURE 18



#### WIRE LEGEND

BLACK	HOT	LINE VOLTAGE
WHITE	NEUTRAL	LINE VOLTAGE
GREEN	GROUND	
PINK	DIMMING	0-10V DC
PURPLE	DIMMING	0-10V DC
RED	DIRECT (+)	0-10V DC
BLUE	DIRECT (-)	0-10V DC
RED/WHITE	INDIRECT (+)	0-10V DC
BLUE/WHITE	INDIRECT (-)	0-10V DC

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## Hanging Hardware Installation

Slēk & GEO Series

### T1, T9, SC ABOVE GRID INSTALL

**Step One:** Determine mounting cable spacing centers from factory shop drawing or ordering processing specification sheet.

**Step Two:** Install Cross bracket (provided) and slotted 4" J-box (not provided). See Figure 19

**Step Three:** Insert AC cable supplied in kit through ceiling coupler in kit and attach it to the cross bracket.

**Step Four:** Remove threaded canopy support ring from the coupler and slide the canopy into the AC Cable. Order of Parts can be see in Figure 23.

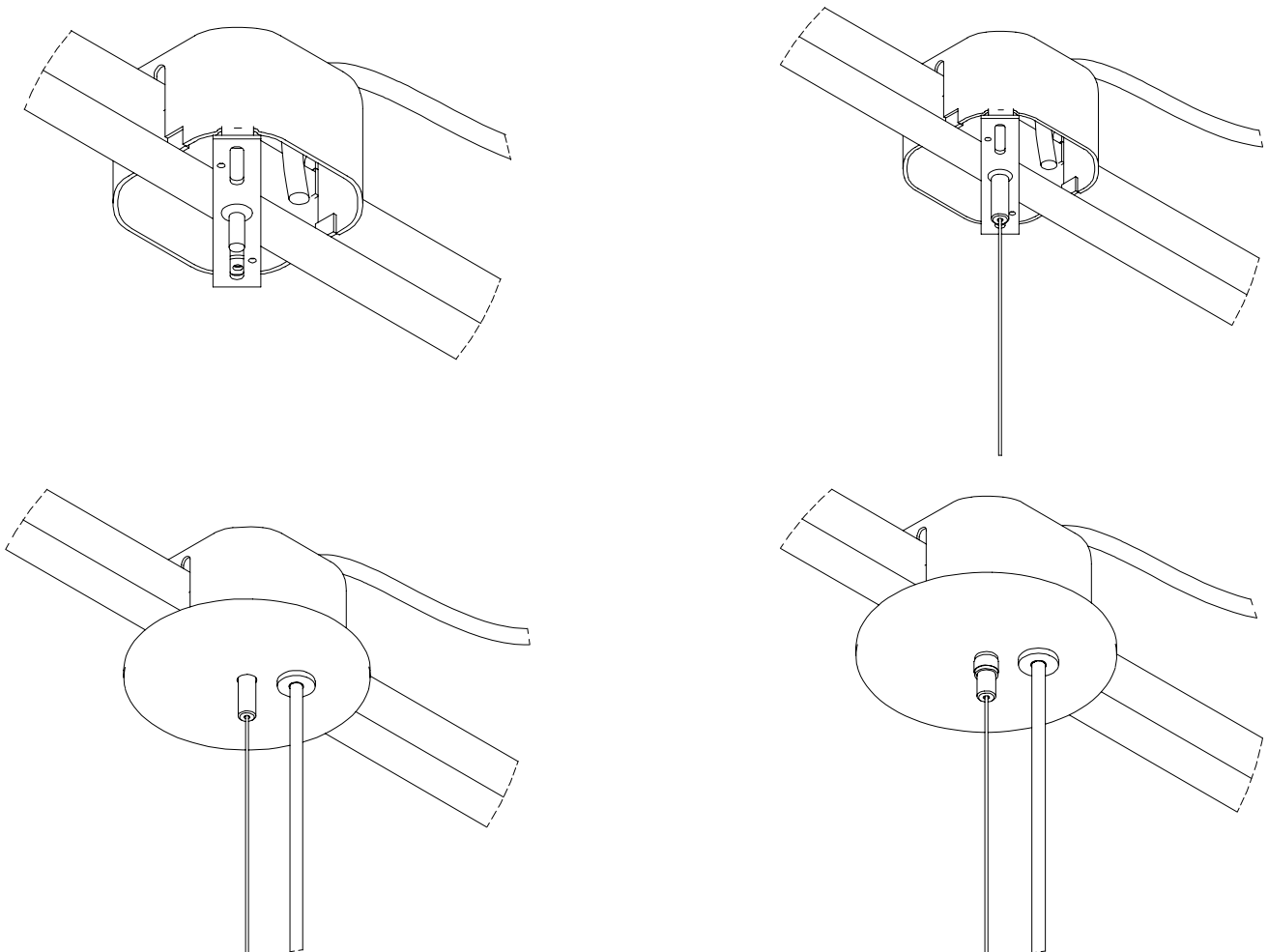
**Step Five:** Insert AC Cable into the luminaire.

**Step Six:** Feed the feed cable though the canopy and wire/feed through the J-Box per local code.

**Step Seven:** Slide the canopy to the ceiling and secure with the support ring.

**Step Eight:** Install Strain relief and attach supplied tie straps around feed cord and cable at a minimum of 36" on center.

**FIGURE 19**



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## Remote Power Unit (Continued)

Slēk Series

### HC EXPOSED INSTALL

**Step One:** Locate the correct remote power supply unit by referencing the submittal and match the remote power supply unit and the luminaire part number, see part number matching on page 2.

**Step Two:** Remove the connection cover and Driver cover

**Step Three:** Find the AC Gripper center on the remote power supply. Mount the remote driver to the ceiling with appropriate mounting hardware (not supplied). See Figure 21 and Figure 22 for mounting dimensions.

**Step Four:** Reinstall the Driver cover.

**Step Five:** Insert AC cable supplied in kit through ceiling coupler in kit and attach it to the cross bracket.

**Step Six:** Feed the feed cable through the connection cover.

**Step Seven:** Review wire legend and wire according to local codes. See Figure 18.

**Step Eight:** Reinstall the Connection cover and secure with the support ring.

**Step Nine:** Install Strain relief and attach supplied tie straps around feed cord and cable at a minimum of 36" on center.

FIGURE 20

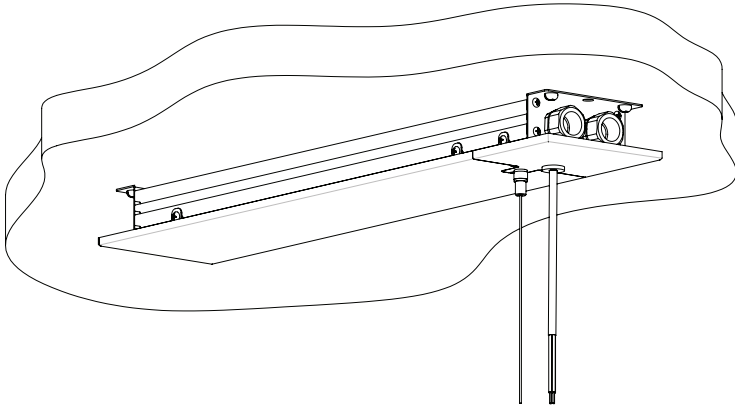


FIGURE 21

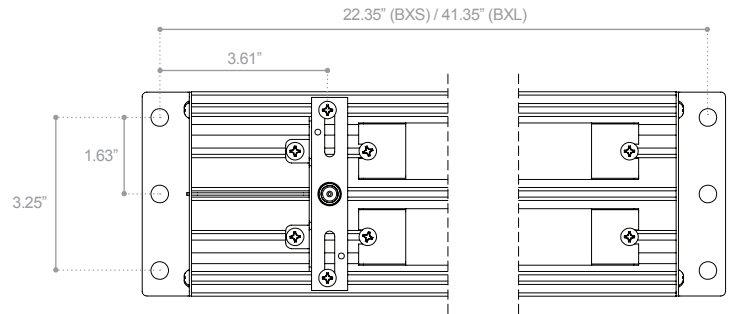
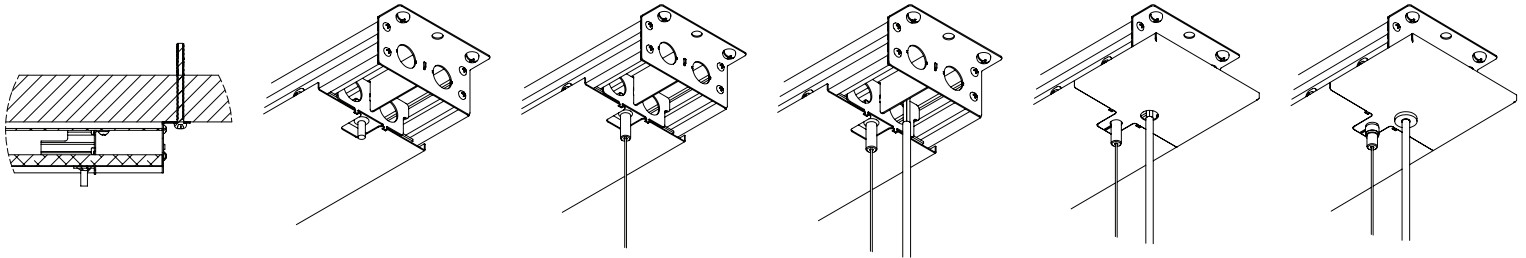


FIGURE 22



**SAVE THESE INSTALLATION INSTRUCTIONS**

## Suspended Luminaire Installation Instructions (Continued)

### Off-Grid Mounting

#### NON FEED CABLE/CANOPY ASSEMBLY

**Step One:** Determine mounting cable spacing centers from factory shop drawing or order processing specification sheet.

**Step Two:** Install 1/4-20 studs projecting from the finished ceiling line 1/2".

**Step Three:** Insert cable supplied in kit through ceiling coupler in kit and attach to 1/4-20 stud securely. Remove threaded canopy support ring from coupler and slide canopy then support ring over cable and up to finished ceiling line. Tighten support ring to locate canopy in place.

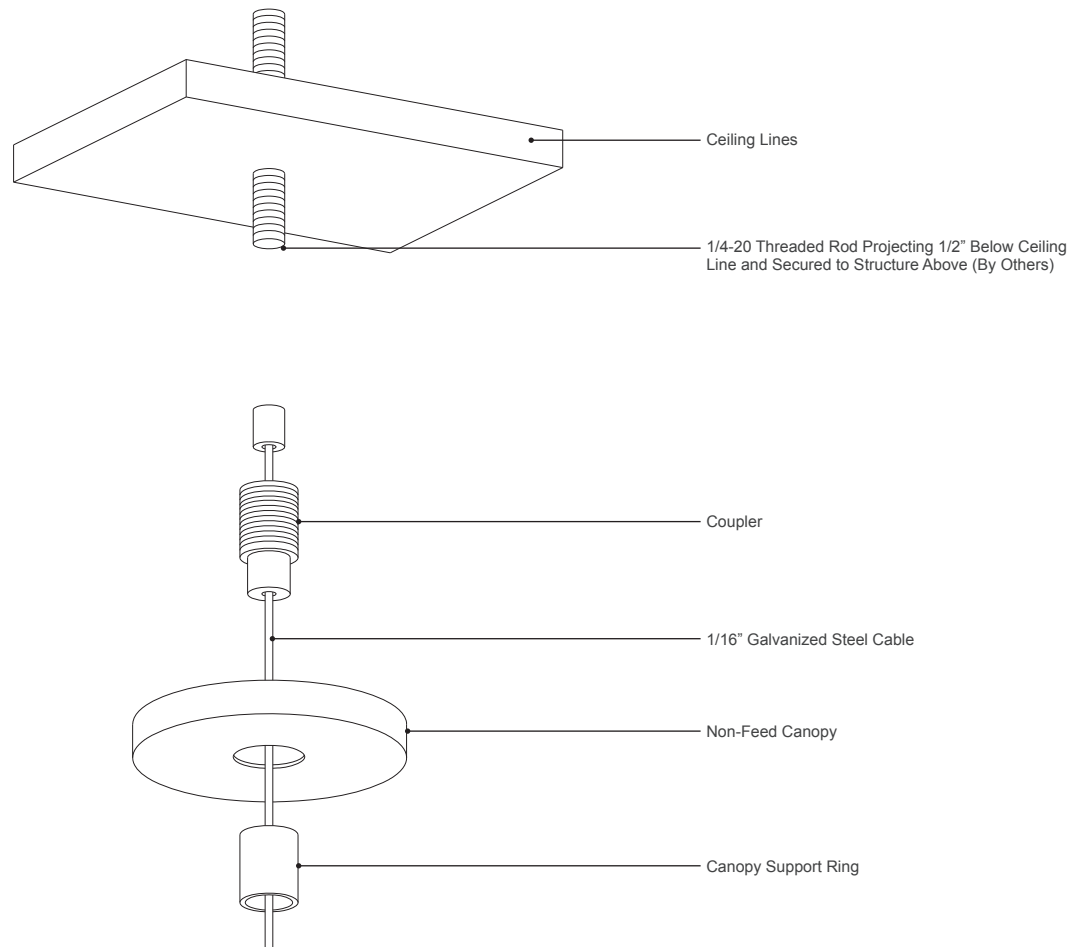
**Step Four:** Raise luminaire to cable assembly and route cable through the center of the adjustable cable fitting loosening the locking cap enough to allow cable to enter fitting. Feed cable through the adjustable fitting until desired mounting height is attained. Luminaire will be retained at the last point of adjustment. Tighten locking cap onto retainer stem.

NOTE: If it becomes necessary to re-adjust luminaire height, loosen locking cap and depress retainer stem while adjusting to desired position.

#### **WARNING**

**BE CERTAIN TO SUPPORT LUMINAIRE INDEPENDENTLY OF CABLES WHEN DEPRESSING RETAINER STEM.**

**FIGURE 23**



**SAVE THESE INSTALLATION INSTRUCTIONS**

## Suspended Luminaire Installation Instructions (Continued)

### On-Grid Mounting

#### NON FEED CABLE/CANOPY ASSEMBLY

**Step One:** Determine mounting centers from factory shop drawing or order processing specification sheet.

**Step Two:** Installation of IDS clip onto T-BAR at appropriate locations (Reference Step 1 and Figure 24).

- Assemble 1/4-20 stud and clip. Start stud into recessed square hole, grasp clip in hand and depress TAB A with thumb. Pull stud into place and release TAB A.
- Separate clip into two parts by bending at TAB B.
- Place PART X on T-BAR and insert base tab on part into slot. Close PARTS X and Y together locking with TAB C.

**Step Three:** Secure IDS clip to structural support above with minimum #12 gauge support wire in accordance with local codes. (Reference Figure 25).

**Step Four:** Insert cable supplied in kit through ceiling coupler in kit and attach to 1/4-20 stud on IDS clip securely. Remove threaded canopy support ring from coupler and slide canopy then support ring over cable and up to finished ceiling line. Tighten support ring to secure canopy in place.

**Step Five:** Raise luminaire to cable assembly and route cable through the center of the adjustable cable fitting, loosening the locking cap enough to allow cable to enter fitting. Feed cable through the adjustable fitting until desired mounting height is attained. Luminaire will be retained at the last point of adjustment. Tighten locking cap onto retainer stem.

**Note:** If It Becomes Necessary To Re-Adjust Luminaire Height, Loosen Locking Cap And Depress Retainer Stem While Adjusting To Desired Position.

#### WARNING

**BE CERTAIN TO SUPPORT LUMINAIRE INDEPENDENTLY OF CABLES WHEN DEPRESSING RETAINER STEM.**

FIGURE 24

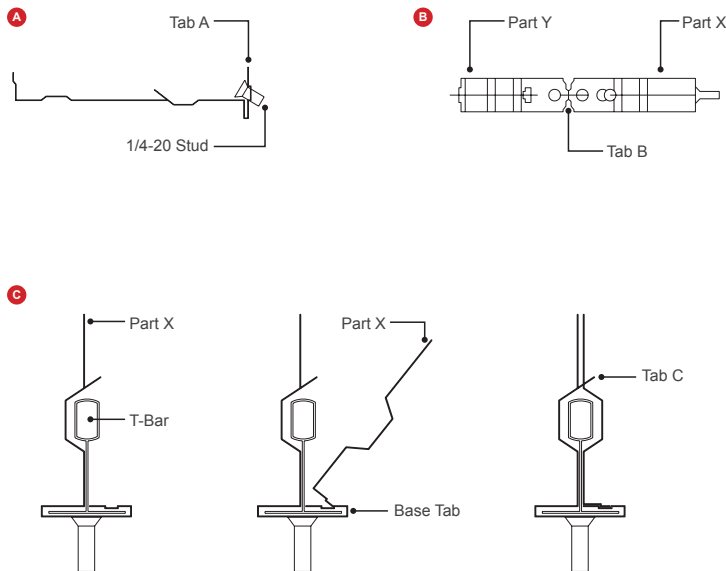
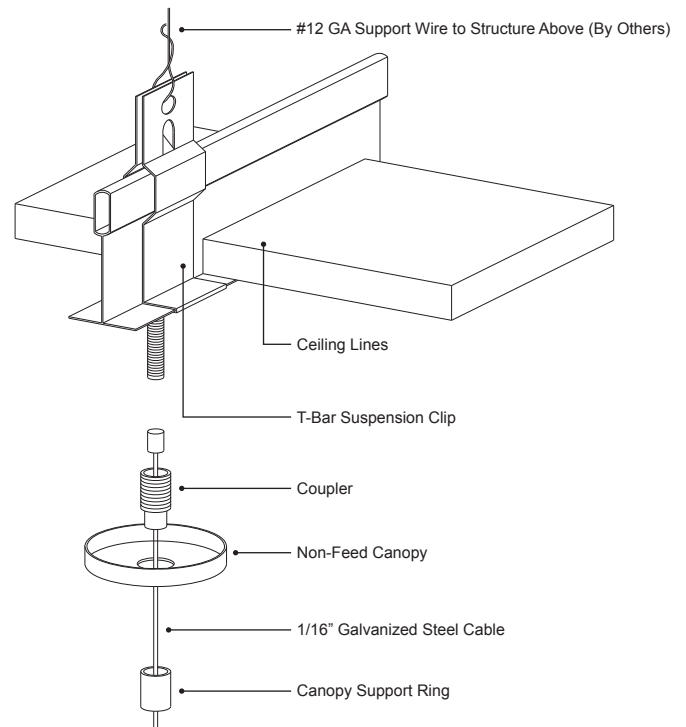


FIGURE 25



## Acoustic Panel Installation Instructions

GEO Series

### NON FEED CABLE/CANOPY ASSEMBLY

**Step One:** Locate and unpack the Acoustic insert, the mounting brackets, and the screws.

**Step Two:** See FIGURE 26 for bracket quantity and location.

**Step Three:** On a flat surface, install a mounting bracket on the TOP SIDE (CEILING FACING) of the panel as shown in FIGURE 27-29.

**A. NOTE: DO NOT USE A DRILL TO INSTALL SCREWS, HANDTIGHTEN ONLY**

B. Install a minimum of 4 screws per bracket.

C. Ensure the tabs on the mounting bracket are flush with the acoustic panel as shown in FIGURE 30.

D. HEX-4 EXTRA BRACKET: Install the SUPPORT MEMBER BRACKET across the panel as shown in FIGURE 34-36. Note: Ensure both support member bracket and mounting bracket overlap.

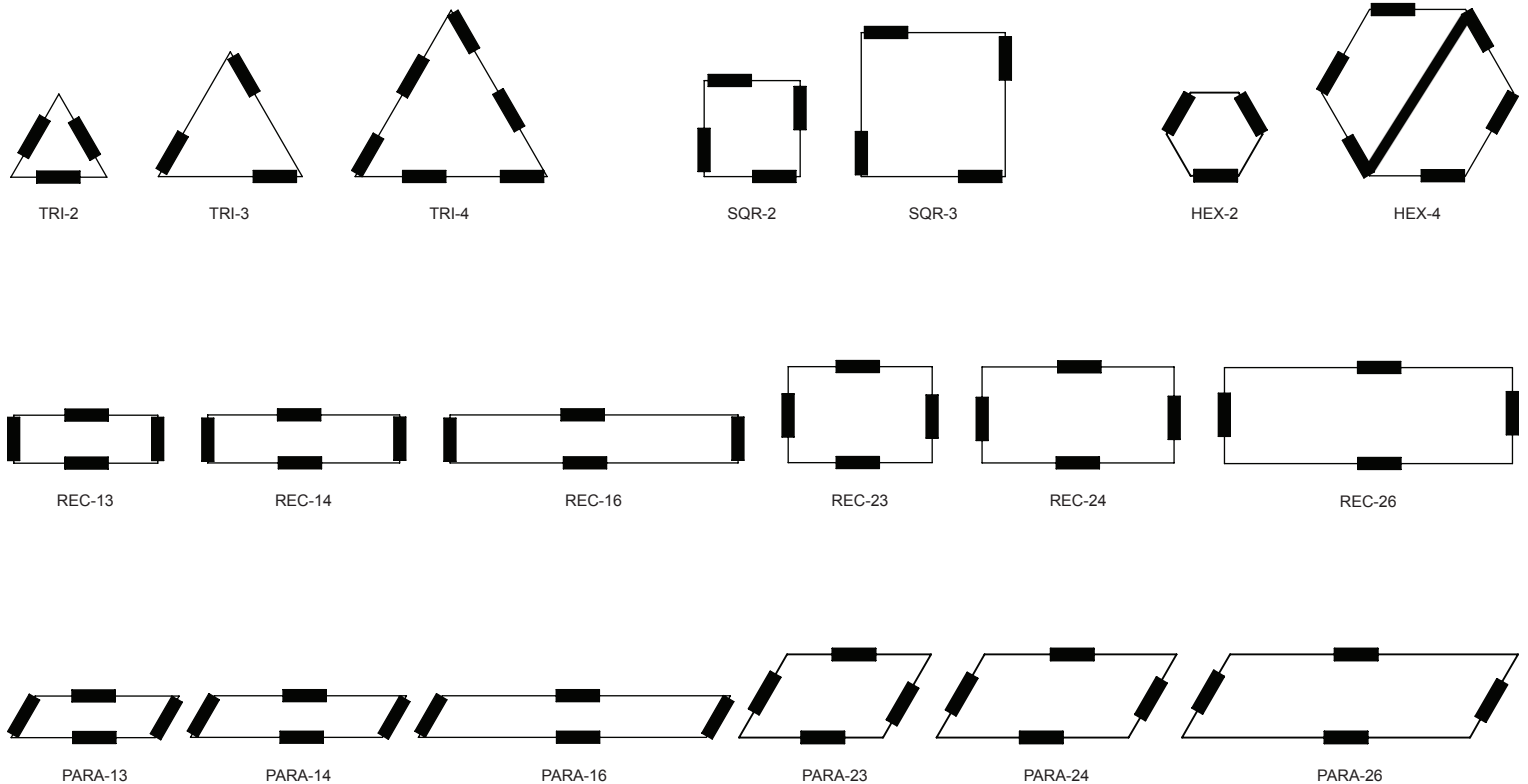
**Step Four:** Once all brackets are installed on the panel, place assembled acoustic panel on the light. SEE FIGURE 31-32 (Assembled and hung in previous sections).

A. The channels on the mounting bracket will wrap around the top portion of the GEO light as seen in FIGURE 31-32. ENSURE PANEL SITS FLUSH.

B. TIP: Put acoustic panel in GEO the same method as ceiling tiles or from above through the AC cables.

FIGURE 26

— = LUMINAIRE    ■ = BRACKET

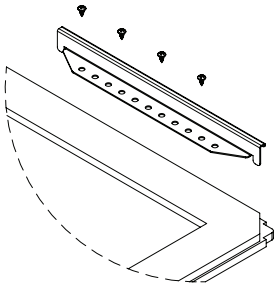


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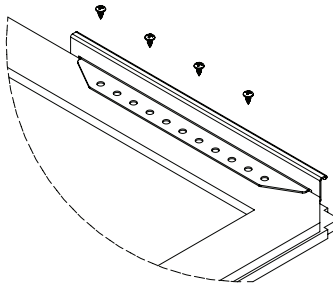
## Acoustic Panel Installation Instructions (Continued)

GEO Series

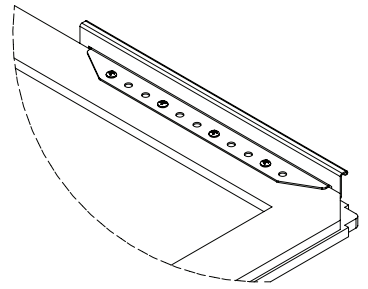
**FIGURE 27**



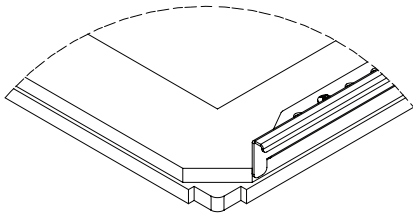
**FIGURE 28**



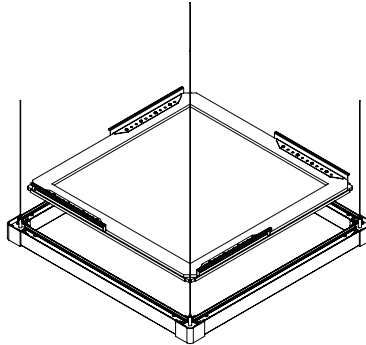
**FIGURE 29**



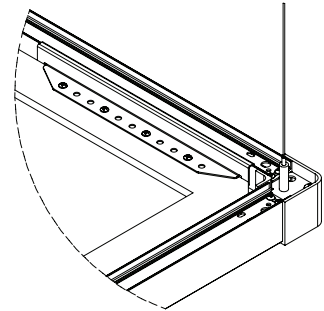
**FIGURE 30**



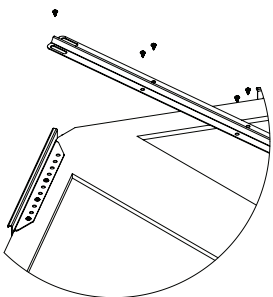
**FIGURE 31**



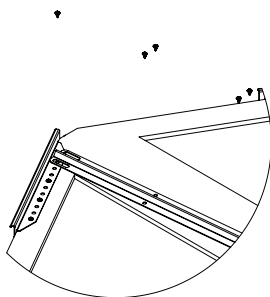
**FIGURE 32**



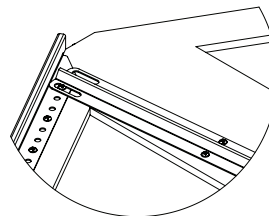
**FIGURE 33**



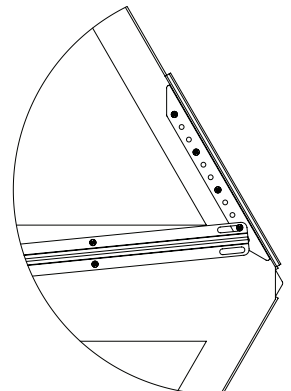
**FIGURE 34**



**FIGURE 35**



**FIGURE 36**



**SAVE THESE INSTALLATION INSTRUCTIONS**